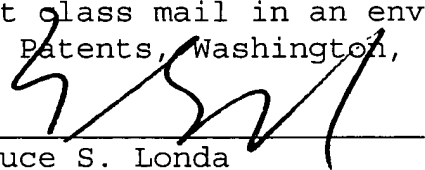




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# MAILING CERTIFICATION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on April 17, 2002

  
Bruce S. Londa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty's Docket No: 101137-32

Examiner :

Group Art Unit

Applicant : Jan van der Greef, et al.

Appln. No. : 09/980,647

Filed : March 1, 2002

For : Mass Spectrometry-based Technologies for Continuous Flow Bioassays Using Known Ligands

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## INFORMATION DISCLOSURE STATEMENT

Hon. Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

The following sections are being submitted for this Information

Disclosure Statement:

- Sec. 1 - Preliminary Statements
- Sec. 2 - Identification of Time of Filing
- Sec. 4 - Statements with Respect to Listing of Information
- Sec. 6 - Statements with Respect to Copies of Listed Information Items Accompanying This Statement

Section 1  
Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56 it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(b) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

Section 2  
Identification of Time of Filing

This Information Disclosure Statement is filed before the issuance of the first official action.

The art was cited in the specification of the present application.

Section 4  
Statements with Respect to Listing of Information

A list of the patent and publications is set forth on the attached 2 pages of Form PTO-1449 (modified).

Section 6  
Statements with Respect to Copies of Listed Information  
Items Accompanying This Statement

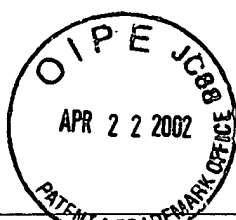
A copy of each of the items on PTO-1449 (modified) is supplied herewith.

Respectfully Submitted,



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|--|--------------------------|------------|
| <b>LIST OF PATENTS AND PUBLICATIONS</b><br><b>APPLICANT'S INFORMATION</b><br><b>DISCLOSURE STATEMENT</b><br>(Form PTO-1449 Modified) | Attorney Docket:         | Serial No. |
|  | 101137-32                | 09/980,647 |
|  | Applicant:               |            |
|  | Jan van der Greef et al. |            |
|  | Filing Date:             | Group:     |
|  | March 1, 2002            |            |

### U.S. PATENT DOCUMENTS

| Examiner's Initial | Document Number | Date | Name | Class | Sub Class | Filing Date<br>If appropriate |
|--------------------|-----------------|------|------|-------|-----------|-------------------------------|
| AA                 |                 |      |      |       |           |                               |
| AB                 |                 |      |      |       |           |                               |
| AC                 |                 |      |      |       |           |                               |
| AD                 |                 |      |      |       |           |                               |
| AE                 |                 |      |      |       |           |                               |
| AF                 |                 |      |      |       |           |                               |
| AG                 |                 |      |      |       |           |                               |
| AH                 |                 |      |      |       |           |                               |
| AI                 |                 |      |      |       |           |                               |
| AJ                 |                 |      |      |       |           |                               |
| AK                 |                 |      |      |       |           |                               |

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### FOREIGN PATENT DOCUMENTS

|    | Document Number | Date   | Country | Class | Sub Class | Translation<br>Yes No |  |
|----|-----------------|--------|---------|-------|-----------|-----------------------|--|
| AL | WO 91/13354     | 9/1991 | PCT     |       |           | ✓                     |  |
| AM |                 |        |         |       |           |                       |  |
| AN |                 |        |         |       |           |                       |  |
| AO |                 |        |         |       |           |                       |  |

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| AP | S. Cassidy et al. "Kinetic Chromatographic Sequential Addition Immunoassays Using Protein A Affinity Chromatography" Anal. Chem. 1992, 64; pgs. 1973-1977  |
| AR | M. Nilsson, et al., ; Process Monitoring by Flow-injection Immunoassay" Journal of Chromatography, 597 1992, pgs. 383-389  |
| AS | H. Irth, et al.,; "On-line Immunochemical Detection in Liquid Chromatography Using Fluorescein-labelled Antibodies" Journal of Chromatography, 633 (1993) pgs. 65-72   |
| AT | H.-J. Stan et al., "Automated Recognition of Target Compounds at Low Levels in Environmental Samples by Means of Capillary Gas Chromatography-mass Spectrometry with dedicated Mass Spectral Libraries and the Macro Program" Journal of Chromatography A. 653 (1993) pgs. 55-62 |

EXAMINER:

DATE CONSIDERED:

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.
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Page 2

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|--|--|--------------------------|
| <b>LIST OF PATENTS AND PUBLICATIONS</b><br><b>APPLICANT'S INFORMATION</b><br><b>DISCLOSURE STATEMENT</b><br>(Form PTO-1449 Modified) | Attorney Docket:<br>101137-32          | Serial No.<br>09/980,647 |
|  | Applicant:<br>Jan van der Greef et al. |                          |
|  | Filing Date:<br>March 1, 2002          | Group:                   |

### U.S. PATENT DOCUMENTS

| Examiner's Initial | Document Number | Date | Name | Class | Sub Class | Filing Date<br>If appropriate |
|--------------------|-----------------|------|------|-------|-----------|-------------------------------|
| AA                 |                 |      |      |       |           |                               |
| AB                 |                 |      |      |       |           |                               |
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| Document Number | Date | Country | Class | Sub Class | Translation<br>Yes No |  |
|-----------------|------|---------|-------|-----------|-----------------------|--|
| AL              |      |         |       |           |                       |  |
| AM              |      |         |       |           |                       |  |
| AN              |      |         |       |           |                       |  |
| AO              |      |         |       |           |                       |  |

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| AP | M. Seifert, et al., "A New Concept for the Bioeffects-related Analysis of Xenoestrogens: Hyphenation of Receptor Assays with LC-MS" Fresenius J. Anal. Chem. (1990) pgs. 767-770                           |
| AR | Y. Hsieh et al.; "Multidimensional Chromatography Coupled with Mass Spectrometry for Target-based Screening" Molecular Diversity 1 (1996) pgs. 189-196   |
| AS | A. Oosterkamp, et al.; "Gradient Reversed-phase Liquid Chromatography Coupled on-line to Receptor-affinity Detection Based on the Urokinase Receptor" Journal of Chromatography B. 715 (1998) pgs. 331-338 |
| AT |  |

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